

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: June 30, 2002, 16:12:28 ; Search time 415.2 Seconds

(without alignments)
1116.355 Million cell updates/sec

Title: US-09-303-518D-463

Perfect score: 1887

Sequence: 1 ttggcattccccaat.....catatccattatgatatg 1887

Scoring table:

IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 38353 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database :

Issued_Patents_NA:*
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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
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6: /cgn2_6/ptodata/1/ina/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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C 2	45.2	2.4	390	4	US-09-197-649-7
C 3	41.8	2.2	816	2	US-07-637-865-1
C 4	39.8	2.1	289	4	US-09-007-005-17
C 5	39.8	2.1	289	4	US-09-244-796-17
C 6	38.6	2.0	4403765	4	US-09-103-840A-2
C 7	38.2	2.0	400	4	US-09-056-556-179
C 8	37	2.0	882	4	US-08-818-112-138
C 9	37	2.0	882	4	US-08-818-111-133
C 10	37	2.0	882	4	US-09-056-556-138
C 11	37	2.0	1155	2	US-08-387-942C-21
C 12	37	2.0	12588	2	US-08-387-942C-21
C 13	37	2.0	4403765	4	US-09-103-840A-2
C 14	37	2.0	4411529	4	US-09-103-840A-1
C 15	36.8	2.0	1155	2	US-08-387-942C-7
C 16	36.8	2.0	1155	2	US-08-387-942C-18
C 17	36.2	1.9	248	4	US-09-007-005-32
C 18	36.2	1.9	248	4	US-09-244-796-32
C 19	36.2	1.9	277	4	US-09-007-005-3
C 20	36.2	1.9	277	4	US-09-244-796-3
C 21	35.8	1.9	942	3	US-08-732-412-1
C 22	35.4	1.9	1155	2	US-08-387-942C-20
C 23	35.4	1.9	4411529	4	US-09-103-840A-1
C 24	35.4	1.9	44377	2	US-08-804-227C-7
C 25	35.2	1.9	44377	2	US-08-804-198-1
C 26	34.4	1.8	459	2	US-08-387-942C-37
C 27	34	1.8	453	2	US-08-387-942C-38

28	34	1.8	5300	1	US-08-766-014-1	Sequence 1, Appl
C 29	33.8	1.8	12588	2	US-08-387-942C-1	Sequence 1, Appl
C 30	33.4	1.8	1228	4	US-09-117-121-25	Sequence 25, Appl
C 31	33.4	1.8	1729	4	US-09-120-817-1	Sequence 1, Appl
C 32	33.2	1.8	459	2	US-08-387-942C-35	Sequence 35, Appl
C 33	33.2	1.8	5118	4	US-08-669-785-3	Sequence 3, Appl
C 34	33	1.7	1176	2	US-08-387-942C-17	Sequence 17, Appl
C 35	32.8	1.7	1948	2	US-07-849-438-1	Sequence 1, Appl
C 36	32.8	1.7	9595	3	US-09-014-416-4	Sequence 4, Appl
C 37	32.6	1.7	2040	5	US-08-599-252-103	Sequence 103, App
C 38	32.6	1.7	2040	5	PCT-US96-06352-103	Sequence 103, App
C 39	32.6	1.7	2040	5	PCT-US96-06583-103	Sequence 103, App
C 40	32.4	1.7	1845	4	US-09-029-603-5	Sequence 5, Appl
C 41	32.4	1.7	2712	3	US-09-025-691-4	Sequence 4, Appl
C 42	32.2	1.7	549	4	US-09-117-257-41	Sequence 41, Appl
C 43	32.2	1.7	549	4	US-09-489-352-41	Sequence 41, Appl
C 44	32.2	1.7	13987	2	US-08-804-227C-13	Sequence 13, Appl
C 45	32	1.7	559	2	US-08-948-197-2	Sequence 2, Appl
C 46	32	1.7	2367	4	US-09-056-556-201	Sequence 201, App
C 47	32	1.7	4649	6	5183745-1	Patent No. 5183745
C 48	32	1.7	6441	4	US-08-669-785-1	Sequence 1, Appl
C 49	32	1.7	6443	6	5183745-5	Patent No. 5183745
C 50	31.8	1.7	232	4	US-09-117-121-29	Sequence 29, Appl
C 51	31.8	1.7	815	4	US-08-818-112-139	Sequence 139, App
C 52	31.8	1.7	815	4	US-08-818-111-134	Sequence 139, App
C 53	31.8	1.7	815	4	US-09-056-556-139	Sequence 139, App
C 54	31.8	1.7	1549	2	US-08-865-597A-1	Sequence 1, Appl
C 55	31.8	1.7	2679	1	US-07-977-434-11	Sequence 11, Appl
C 56	31.8	1.7	2679	1	US-08-458-819-11	Sequence 11, Appl
C 57	31.8	1.7	2679	5	PCT-US91-07035-11	Sequence 11, Appl
C 58	31.6	1.7	22671	4	US-08-976-259-14	Sequence 14, Appl
C 59	31.6	1.7	701	4	US-09-133-321-1	Sequence 1, Appl
C 60	31.6	1.7	942	2	US-08-446-806-2	Sequence 2, Appl
C 61	31.6	1.7	942	4	US-09-385-028-17	Sequence 17, Appl
C 62	31.6	1.7	1298	3	US-08-948-705-3	Sequence 3, Appl
C 63	31.6	1.7	6854	4	US-09-194-905-7	Sequence 7, Appl
C 64	31.6	1.7	9660	3	US-08-822-586-46	Sequence 46, Appl
C 65	31.6	1.7	11604	4	US-09-385-028-13	Sequence 13, Appl
C 66	31.6	1.7	15079	4	US-09-385-028-1	Sequence 1, Appl
C 67	31.4	1.7	1869	3	US-09-305-381-1	Sequence 1, Appl
C 68	31.4	1.7	2064	1	US-08-164-839-30	Sequence 30, Appl
C 69	31.4	1.7	2064	1	US-08-164-839-32	Sequence 30, Appl
C 70	31.4	1.7	2064	1	US-08-583-799-30	Sequence 30, Appl
C 71	31.4	1.7	2064	1	US-08-583-799-32	Sequence 30, Appl
C 72	31.4	1.7	2081	4	US-08-235-836C-67	Sequence 67, Appl
C 73	31.4	1.7	2148	1	US-08-164-839-69	Sequence 69, Appl
C 74	31.4	1.7	2148	1	US-08-164-839-71	Sequence 71, Appl
C 75	31.4	1.7	2148	1	US-08-583-799-69	Sequence 69, Appl
C 76	31.4	1.7	2148	1	US-08-583-799-71	Sequence 71, Appl
C 77	31.4	1.7	3231	1	US-08-021-601-1	Sequence 1, Appl
C 78	31.4	1.7	3231	1	US-08-082-849B-1	Sequence 1, Appl
C 79	31.4	1.7	3231	5	PCT-US94-01624-1	Sequence 1, Appl
C 80	31.4	1.7	5609	4	US-09-313-677-15	Sequence 15, Appl
C 81	31.2	1.7	985	4	US-09-056-556-182	Sequence 182, App
C 82	31.2	1.7	12707	4	US-08-648-736-1	Sequence 1, Appl
C 83	31.2	1.7	12707	4	US-08-992-035A-5	Sequence 5, Appl
C 84	31	1.6	14855	2	US-08-282-197C-1	Sequence 1, Appl
C 85	31	1.6	20235	2	US-07-642-734C-3	Sequence 59, Appl
C 86	31	1.6	20235	3	US-08-439-009A-3	Sequence 3, Appl
C 87	31	1.6	20235	3	US-08-439-009A-3	Sequence 3, Appl
C 88	30.8	1.6	535	4	US-09-056-556-171	Sequence 171, App
C 89	30.8	1.6	602	4	US-09-268-56A-9	Sequence 9, Appl
C 90	30.8	1.6	3300	1	US-08-194-290-6	Sequence 6, Appl
C 91	30.8	1.6	3300	2	US-08-614-377A-6	Sequence 6, Appl
C 92	30.8	1.6	3300	4	US-09-142-648B-6	Sequence 6, Appl
C 93	30.8	1.6	3314	1	US-07-973-328A-5	Sequence 5, Appl
C 94	30.8	1.6	3314	1	US-08-343-380-5	Sequence 5, Appl
C 95	30.8	1.6	3314	4	US-09-072-433-5	Sequence 5, Appl
C 96	30.8	1.6	3314	4	US-09-072-433A-5	Sequence 5, Appl
C 97	30.8	1.6	15872	4	US-09-105-537-1	Sequence 1, Appl
C 98	30.6	1.6	237	2	US-08-530-290-8	Sequence 8, Appl
C 99	30.6	1.6	1669	4	US-08-984-709A-51	Sequence 51, Appl
C 100	30.6	1.6	5925	3	US-08-470-260-4	Sequence 4, Appl


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1 COMPUTER READABLE FORM:
2 MEDIUM TYPE: Floppy disk
3 OPERATING SYSTEM: PC-DOS/MS-DOS
4 SOFTWARE: PatentIn Release #1.0, Version #1.30
5 CURRENT APPLICATION DATA:
6 APPLICATION NUMBER: US/08/387,942C
7 FILING DATE: 09-MAY-1995
8 CLASSIFICATION: 435
9 ATTORNEY/AGENT INFORMATION:
10 NAME: MURPHY JR, GERALD M.
11 REGISTRATION NUMBER: 28,977
12 REFERENCE/DOCKET NUMBER: 1809-106P
13 TELECOMMUNICATION INFORMATION:
14 TELEPHONE: 703-205-8000
15 TELEFAX: 703-205-8050
16 INFORMATION FOR SEQ ID NO: 1:
17 SEQUENCE CHARACTERISTICS:
18 LENGTH: 12588 base pairs
19 TYPE: nucleic acid
20 STRANDEDNESS: single
21 TOPOLOGY: linear
22 MOLECULE TYPE: DNA (genomic)
23 ORIGINAL SOURCE:
24 ORGANISM: Azotobacter vinelandii
25 STRAIN: E
26 FEATURE:
27 NAME/KEY: CDS
28 LOCATION: 290..1951
29 FEATURE:
30 NAME/KEY: CDS
31 LOCATION: 2227..6438
32 FEATURE:
33 NAME/KEY: CDS
34 LOCATION: 6702..9695
35 FEATURE:
36 NAME/KEY: CDS
37 LOCATION: 9973..12588
38 US-08-387-942C-1

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Matches	106	Conservative	0	Mismatches 115; Indels 0; Gaps 0
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QY	402	cgaacacccatcccgcccgacggtatgaagggccaaagggcggtcatccgctcccaa	461	
Db	10476	CGACAAACGGCCTTCAGCGCTTGCTGCGCCGACTACCAGGTCCGGCGGGTGTTCAGAAACAA	10535	
QY	462	aggcgcgagggatatalaacgttaccgataaagcgctlbgcccaaatatccgctcica	521	
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QY	522	cctgaccggaacacgcgacgacacggtgacgcttgcgac	562	
Db	10596	CCTGACCAACAGTGGCTTACGCAACAGGGCGGCGCGCC	10636	

RESULT 13
 US-09-103-840A-2
 : Sequence 2, Application US/09103840A
 : Patent No. 6294328
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: FLEISCHMAN, Robert D.
 : APPLICANT: WHITE, Owen R.
 : APPLICANT: FRASER, Claire M.
 : APPLICANT: VENTER, John C.
 :
 : TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
 : TUBERCULOSIS

Db 127 tgrcurgrcgruratararcrgrurgrurgratararcrgrurgratararcr 186
Qy 1678 gtfaaaacgaaaaaggtggaag 1702
Db 187 tcratararcrgrgratararcr 211

RESULT 21

US-08-732-412-1/c
; Sequence 1, Application US/08732412
; Patent No. 601786
; GENERAL INFORMATION:
; APPLICANT: Aehle, Wolfgang
; APPLICANT: Geritise, Gijshert
; APPLICANT: Lenting, Hermannus
; TITLE OF INVENTION: LIPASES WITH IMPROVED
; TITLE OF INVENTION: SURFACTANT RESISTANCE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genencor International, Inc.
; STREET: 925 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1013
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/732,412
; FILING DATE: 22-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/01687
; FILING DATE: 28-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 94201253.5
; FILING DATE: 04-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Stone, Christopher L.
; REGISTRATION NUMBER: 35,696
; REFERENCE/DOCKET NUMBER: GC307-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-846-7620
; TELEFAX: 650-845-6504
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 942 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-732-412-1

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Matches 115; Conservative 0; Mismatches 132; Indels 0; Gaps 0;

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Qy 1023 gtccgagatggcgagatccgacatggcgaagaaggaatccgcgcgtcaagcacaatttgc 1082
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Db 511 TCAGCGCGCCAGCGCGCTTGACGATGCCGACATATCCGCTTACCGCGCGCGCGG 452
Qy 1143 ggaagcag 1149
Db 451 GGATCTG 445

RESULT 22

US-08-387-942C-20
; Sequence 20, Application US/08387942C
; Patent No. 5939289
; GENERAL INFORMATION:
; APPLICANT: ERTESVAG, HELGA
; APPLICANT: VALLA, SVEIN
; APPLICANT: SKJAK-BRAEK, GUDMUND
; APPLICANT: LARSEN, BJORN
; TITLE OF INVENTION: DNA COMPOUNDS COMPRISING SEQUENCES
; TITLE OF INVENTION: ENCODING MANNURONAN C-5-EPIMERASE
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP
; STREET: P.O. BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22042
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/387,942C
; FILING DATE: 09-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURPHY JR, GERALD M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1809-106P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1155 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-387-942C-20

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Best Local Similarity 47.5%; Pred. No. 1.1; Indels 0; Gaps 0;

Matches 105; Conservative 0; Mismatches 116; Indels 0; Gaps 0;

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: Sequence 25, Application US/09117121
: Patent No. 6307020
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: GENERAL INFORMATION:
: APPLICANT: Hew, Choy
: APPLICANT: Gong, Zhiyuan
: TITLE OF INVENTION: Intracellular Antifreeze Polypeptides
: TITLE OF INVENTION: and Nucleic Acids
: NUMBER OF SEQUENCES: 46
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend and Crew LLP
: STREET: Two Embarcadero Center, Eighth Floor
: CITY: San Francisco
: STATE: California
: COUNTRY: USA
: ZIP: 94111-3834
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/117,121
: FILING DATE: 20-NOV-1998
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: WO PCT/CA97/00062
: FILING DATE: 30-JAN-1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Weber, Kenneth A.
: REGISTRATION NUMBER: 31,677
: REFERENCE/DOCKET NUMBER: 016252-001610US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ. ID NO.: 25:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 228 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
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: NAME/KEY: CDS
: LOCATION: 20..136
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: OTHER INFORMATION:
: OTHER INFORMATION:
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: /note="skin-type antifreeze
: polypeptide 6 (sapp6)"
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: US-09-117-121-25

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					Gaps	0
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RESULT 31
 US-09-120-817-1
 ; Sequence 1, Application US/09120817
 ; Patent No. 6172184
 ;
 ; GENERAL INFORMATION:
 ;
 ; APPLICANT: Collmer, Alan
 ; APPLICANT: Charkowski, Amy
 ; APPLICANT: Alfano, James R.
 ;
 ; TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICTOR FROM
 ;
 ; TITLE OF INVENTION: PSEUDOMONAS SYRINGAE AND ITS USE

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/06352
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,252
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 103:
SEQUENCE CHARACTERISTICS:
LENGTH: 2040 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US96-06352-103

Query Match 1.7%; Score 32.6; DB 5; Length 2040;
Best Local Similarity 52.6%; Pred. No. 11;
Matches 71; Conservative 0; Mismatches 64; Indels 0; Gaps 0;
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DB 943 gtaattatcatgtaattaaaaaaatcacaagctgtaattatcatgtaaaagacatctctg 1002
QY 1643 cagtcgaaattaaagccctgagtggaagtggaagtggaagtggaagtggaagtggaag 1702
DB 1003 GAAGGAG 1062
QY 1703 tgatgaccaagcaca 1717
DB 1063 AAGGAG 1077
RESULT 39
PCT-US96-06583-103
Sequence 103, Application PC/TUS9606583
GENERAL INFORMATION:
APPLICANT: DRAVNA, DENNIS T.
APPLICANT: FEDER, JOHN N.
APPLICANT: GNIKE, ANDREAS
APPLICANT: KIMMEL, BRUCE E.
APPLICANT: THOMAS, WINSTON J.
APPLICANT: WOLFF, ROGER K.
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
TITLE OF INVENTION: HEMORRHOIDATOSIS
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/06583
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,252
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 103:
SEQUENCE CHARACTERISTICS:
LENGTH: 2040 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US96-06583-103

Query Match 1.7%; Score 32.6; DB 5; Length 2040;
Best Local Similarity 52.6%; Pred. No. 11;
Matches 71; Conservative 0; Mismatches 64; Indels 0; Gaps 0;
QY 1583 gtgattgacgggtgatacaacaacccctgagcactgataaacaatgggtttatcaagcga 1642
DB 943 gtaattatcatgtaattaaaaaaatcacaagctgtaattatcatgtaaaagacatctctg 1002
QY 1643 cagtcgaaattaaagccctgagtggaagtggaagtggaagtggaagtggaagtggaag 1702
DB 1003 GAAGGAG 1062
QY 1703 tgatgaccaagcaca 1717
DB 1063 AAGGAG 1077
RESULT 40
US-09-029-603-5
Sequence 5, Application US/09029603
Patent No. 6210935
GENERAL INFORMATION:
APPLICANT: Schupp, Thomas
APPLICANT: Engel, Natalie
APPLICANT: Bietenader, Jurg
APPLICANT: Toupet, Christine
APPLICANT: Pospiech, Andreas
TITLE OF INVENTION: Statinsporin Biosynthesis Gene Clusters
FILE REFERENCE: 4-20555/A/PCF
CURRENT APPLICATION NUMBER: US/09/029,603
CURRENT FILING DATE: 1998-03-20
EARLIER APPLICATION NUMBER: PCT/EP96/03643
EARLIER FILING DATE: 1996-08-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 5
LENGTH: 1845
TYPE: DNA
ORGANISM: Streptomyces longisporoflavus
US-09-029-603-5

Query Match 1.7%; Score 32.4; DB 4; Length 1845;
Best Local Similarity 43.9%; Pred. No. 12;
Matches 138; Conservative 0; Mismatches 176; Indels 0; Gaps 0;

Query Match

Query Match	1.7%	Score 32;	DB 2;	Length 559;
Best Local Similarity	50.7%;	Pred. No. 7.4;		
Matches 77; Conservative	0;	Mismatches 75;	Indels 0;	Gaps 0;

Qy 693 caaaacatcatcgcgcgagagaatltcgcgcgagcgatgccgtgcaagggtat 752
 |||| | | |||| | | | | | | | | | | | | | | | |
 Db 237 CAAACAGTAATAGAGCGGAGAGCGCTATACCTGGGAGTCTTGAGTTCACTTTGG 178
 Qy 753 aagcgaaaggctcaaacattgctcatgacggccttggtctgctttccaccgaaacaa 812
 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Db 177 CATAGAACTCATTCTATTGTACAACTCCATCCATCGGCAATCTTGGCAGTGAACACNA 118
 Qy 813 gatggcgcgatcaacgatttgcaagatatg 844
 || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Db 117 TGCGGTGATCTTCATATAGCACGCTGACATCG 86

Search completed: June 30, 2002, 21:02:21
 Job time: 86666 sec